



Patent
Attorney Docket: 844,004-307

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Amr H. O'Baid et al.

Serial No.: 10/767,110

Filed: January 28, 2004

For: STIRLING CYCLE CRYOCOOLER
WITH IMPROVED MAGNET RING
ASSEMBLY AND GAS BEARINGS

Group Art Unit: Not yet assigned

Examiner: Not yet assigned

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97–1.98, information relating to the above-identified application is hereby disclosed. The accompanying Form PTO SB/08A provides a listing of documents that may be relevant to the subject application.

It is requested that the Examiner fully consider the art cited in the accompanying Form PTO SB/08A, initial the left-most column of the form adjacent each cited reference, and return a copy for Applicants' records. It is further requested that the art be cited on the cover of any patent issuing from the subject application.

CERTIFICATE OF MAILING
(37 C.F.R. §1.8a)

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as First Class Mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Arlington, VA 22313-1450.

Date

2-26-04


Theresa M. Canett Denise N. Doss

In accordance with §1.97(b), this Information Disclosure Statement is being filed before the mailing of a first Office Action on the merits of the above-identified application, and therefore no fee is required. If a first Office Action has been mailed, then please enter this Information Disclosure Statement and charge Deposit Account No. 50-2862 for any necessary fees.

In accordance with §1.98(d), copies of some or all of the references listed on the attached Form PTO/SB/08A are not enclosed herewith because they were previously cited by or submitted to the Patent and Trademark Office in prior copending or related applications for which a claim for priority under 35 U.S.C. §120 has been made in the instant application. Accordingly, Applicants will provide duplicate copies in respect of the present case only if the Examiner so desires.

This statement should not be construed as a representation that more material information does not exist or that an exhaustive search of the relevant art has been made. Nor does this statement constitute an admission by Applicants or Applicants' agent that the information provided herein is necessarily prior art to Applicants' invention. Moreover, Applicants reserve the right to establish the patentability of the claimed invention over any of the listed documents should they be applied there-against as references. Please charge any deficiency or credit any overpayment to Deposit Account No. 50-2862.

Respectfully submitted,

O'MELVENY & MYERS LLP

Dated: 2/25/04

By: 

David B. Murphy
Reg. No. 31,125

DBM/dnd

Customer No.

34263

PATENT & TRADEMARK OFFICE
IRF:1052746.1

O'Melveny & Myers LLP
114 Pacifica, Suite 100
Irvine, CA 92618-3315
(949) 737-2900

Please type a plus sign (+) inside this box →



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

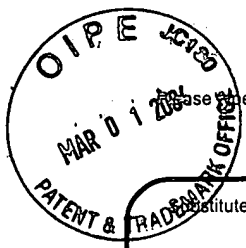
(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	10/767,110
Filing Date	January 28, 2004
First Named Inventor	Amr H. O' Baid
Group Art Unit	Not Yet Available
Examiner Name	Not Yet Available
Attorney Docket Number	844004-307

Examiner Initials *	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
	Number	Kind Code ² (if known)		
	US-3062509		Mulder	11/06/1962
	US-3273356		Hoffman	09/20/1966
	US-3282064		Cowans et al.	11/01/1966
	US-3456718		De Fries	07/22/1969
	US-3736761		Richmond et al.	06/05/1973
	US-3774405		Leo	11/27/1973
	US-3991585		Mulder	11/16/1976
	US-4078389		Bamberg	03/14/1978
	US-4079595		Kroebig	03/21/1978
	US-4138847		Hill	02/13/1979
	US-4359872		Goldowsky	11/23/1982
	US-4379598		Goldowsky	04/12/1983
	US-4387762		Rinderle	06/14/1983
	US-4389849		Beggs et al.	06/28/1983
	US-4458489		Walsh	07/10/1984
	US-4545209		Young	10/08/1985
	US-4610143		Stolfi et al.	09/09/1986
	US-4722188		Otters	02/02/1988
	US-4791634		Miyake	12/13/1988
	US-4798238		Ghiraldi	01/17/1989
	US-4846861		Berry et al.	07/11/1989
	US-4924675		Higham	05/15/1990
	US-4963833		Mountz	10/16/1990
	US-4987329		Schmidt et al	01/22/1991
	US-5040372		Higham	08/20/1991
	US-5088288		Katagishi et al.	02/18/1992
	US-5385010		Horn	01/31/1995
	US-5412951		Wu	05/09/1995
	US-5642623		Hiresaki et al.	07/01/1997
	US-5642088		Unger	06/24/1997
	US-5670836		Horst	09/23/1997
	US-5782084		Jarvis	07/21/1998
	US-5811816		Gallagher et al.	09/22/1998
	US-5842514		Zapach et al.	12/01/1998
	US-5884693		Austin et al.	03/23/1999
	US-5966253		Tanaka et al.	10/12/1999
	US-6024165		Melane et al.	02/15/2000
	US-6084772		Pell et al.	07/04/2000
	US-6112526		Chase	09/05/2000
	US-6141971		Hanes	11/07/2000
	US-6263215	B1	Patton et al.	07/17/2001
	US-6310772	B1	Hutchinson	10/30/2001
	US-6311498	B1	Chase	11/06/2001
	US-6327862	B1	Hanes	12/11/2001
	US-6404637	B2	Hutchinson	06/11/2002
	US-6427450	B1	Hanes	08/06/2002
	US-6430044	B2	Hutchinson	08/06/2002



Please use a plus sign (+) inside this box → +

PTO/SB/08A (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/767,110
				Filing Date	January 28, 2004
				First Named Inventor	Amr H. O' Baid
				Group Art Unit	Not Yet Available
				Examiner Name	Not Yet Available
				Attorney Docket Number	844004-307
Sheet	2	of	2		

Examiner Initials *	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
	Number	Kind Code ² (if known)		
	US-6462448	B1	Du	10/08/2002
	US-6474075	B1	Tanaka et al.	11/05/2002
	US-6475935	B1	Ishizaki et al.	11/05/2002
	US-6499304	B2	Chase et al.	12/31/2002
	US-6507494	B1	Hutchinson	01/14/2003
	US-6514095	B1	Smith et al.	02/04/2003
	US-6522041	B1	Verbrugge	02/18/2003
	US-6611426	B2	Hutchinson	08/26/2003
	US-6522042	B1	Du et al.	02/18/2003
	US-2002/0139510	A1	Ishizaki	10/03/2002
	US-2003/0000226	A1	Amano	01/02/2003
	US-2003/0092577	A1	Hey-Shipton	05/15/2003

Examiner Initials *	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ₆
	Office ³	Number ⁴	Kind Code ⁵ (if known)			
	WO	99/60709	A1	Telefonaktiebolaget	11/25/1999	
	WO	00/14469	A1	Mannerjoki	03/16/2000	
	WO	02/11930	A1	Atmostat Etudes et Recherches	12/14/2002	

Examiner Initials *	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	BASIULIS, "Designer's Guide To Heat Pipes", Design News, March 18, 1974, 158-159.	
	SCHAREN et al., "Filter Subsystems For Wireless Communications", IEEE Transactions On Applied Superconductivity, June 1997, 3744-3749.	
	HUGHES ELECTRON DYNAMIC DIVISION, "Thermal Control With Heat Pipes", July 1981.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.